

MATERIAL SAFETY DATA SHEET

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MSDS # 126014001

WINDEX VINEGAR-D FORMULA

Date Issued: 18Jun1997

Supersedes: 30Mar1994

Drackett Professional
A Division of
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HAZARD RATING	HMIS	HAZARD	NFPA
4-Very High	0	Health	0
3-High	0	Flammability	0
2-Moderate	0	Reactivity	0
1-Slight		Special	
0-Insignificant			

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... WINDEX VINEGAR-D FORMULA
REASON FOR CHANGE..... New.
PRODUCT USE..... Industrial/Institutional: Cleaning product

UPC	SCJ CODE	QUANTITY	US SIZE	CANADIAN SIZE
19800 90126		12	32 OZ	
19800 90353		4	1 GAL.	

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
[PA NJ MA SARA] 2-Butoxyethanol. (CAS#111-76-2)	3-7	25 ppm ACGIH/OSHA TWA (SKIN) LD50: 560-3,000 mg/kg (oral-rat) LC50: 500 ppm (inhalation-rat) 4 hrs.
Water (CAS#7732-18-5).....	>90	NOT ESTABLISHED

SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY . . . Eye contact.
EFFECTS OF ACUTE EXPOSURE:
EYE . . . May cause: Sensation of irritation
SKIN . . . None known.
INHALATION . . . May cause: Irritation to nose, throat and respiratory tract.
INGESTION . . . May cause: Irritation to mucous membranes
MEDICAL CONDITIONS . . . None known.
GENERALLY RECOGNIZED
AS BEING AGGRAVATED
BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

EYE CONTACT . . . Rinse with plenty of water.
SKIN CONTACT . . . Rinse with plenty of water.
INHALATION . . . Remove to fresh air.
INGESTION . . . No special requirements.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT . . . > 212°F (> 100°C) (SETA)
FLAMMABLE LIMITS . . . Not available.
AUTOIGNITION . . . Not available.
TEMPERATURE

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SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued)

EXTINGUISHING MEDIA. . . Foam. CO2. Dry chemical. Water fog.
SPECIAL FIREFIGHTING... Normal fire fighting procedure may be used.
PROCEDURES
UNUSUAL FIRE AND . . . No special hazards known.
EXPLOSION HAZARDS

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN.. Absorb with oil-dri or similar inert material. Sweep or scrape up
CASE MATERIAL IS and containerize.
RELEASED OR SPILLED

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... Use as directed.
INFORMATION
OTHER HANDLING AND. . . Store in a cool, dry place with adequate ventilation.
STORAGE CONDITIONS

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions
VENTILATION.. . . . General room ventilation adequate.
PROTECTIVE GLOVES. . . . No special requirements under normal use conditions.
EYE PROTECTION.. . . . No special requirements under normal use conditions.
OTHER PROTECTIVE..... No special requirements.
MEASURES

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Green
PRODUCT STATE... . . . Liquid.
ODOR.. . . . Fruity
pH..... 10.0-11.2
ODOR THRESHOLD..... Not available.
SOLUBILITY IN WATER... Complete
SPECIFIC GRAVITY..... 0.99
(H2O=1)
VAPOR DENSITY (AIR=1).. > 1
EVAPORATION RATE (BUTYL < 1
ACETATE=1)
VAPOR PRESSURE (mm HG) Not available.
BOILING POINT..... 212°F (100°C)
FREEZING POINT. . . . 32°F (0°C)
COEFFICIENT OF.... Not available.
WATER/OIL
PERCENT VOLATILE BY.... Not available.
VOLUME (%)
VOLATILE ORGANIC..... Glycol Ether.
COMPOUND (VOC)
THEORETICAL VOC..... Not available.
(LB/GAL)

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SECTION 10 - STABILITY AND REACTIVITY

STABILITY... Stable
STABILITY - CONDITIONS. No special requirements.
TO AVOID
INCOMPATIBILITY.. None known.
HAZARDOUS DECOMPOSITION. Produces normal products of combustion.
PRODUCTS
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... None known
POLYMERIZATION -
CONDITIONS TO AVOID

SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3)

LD50 (ACUTE ORAL TOX).. Estimated to be greater than 5000 mg/kg (rats)
LD50 (ACUTE DERMAL TOX) Not available.
LC50 (ACUTE INHALATION TOX) Not available.
EFFECTS OF CHRONIC..... None known.
EXPOSURE
SENSITIZATION. None known.
CARCINOGENICITY None known.
REPRODUCTIVE TOXICITY.. None known
TERATOGENICITY... .. None known.
MUTAGENICITY..... .. None known.

SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA. ... Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL. No special method. Observe all applicable Federal/ Provincial/
INFORMATION State regulations and Local/ Municipal ordinances regarding
disposal of non-hazardous materials. Waste from normal product
use may be sewerred to a public-owned treatment works (POTW) in
compliance with applicable Federal/ Provincial/ State/ Local/
Municipal pretreatment requirements.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT INFORMATION... Cleaning, scouring or washing compounds, N.O I , Liquids
CANADIAN SHIPPING NAME. Not applicable.
TDG CLASSIFICATION..... Not applicable.
PIN/NIP..... Not applicable
PACKING GROUP..... Not applicable
EXEMPTION NAME. Not applicable.

SECTION 15 - REGULATORY INFORMATION

WHMIS CLASSIFICATION. . Not applicable.

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----- SECTION 15 - REGULATORY INFORMATION (continued) -----

All ingredients of this product are listed or are excluded from listing on the U S Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65. These ingredients from Section 2 are subject to the following reporting requirements

PA - The Pennsylvania Hazardous Substance List

NJ - The New Jersey Right to Know Hazardous Substance List

MA - The Massachusetts Hazardous Substance List

SARA - The Superfund Amendments and Reauthorization Act of 1986 Title III, Section 313 and 40 CFR Part 372

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. Use as directed.

EPA REGISTRATION # . . . Not applicable.

----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department Refer to page 1
(Manufacturer) for contact information.

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